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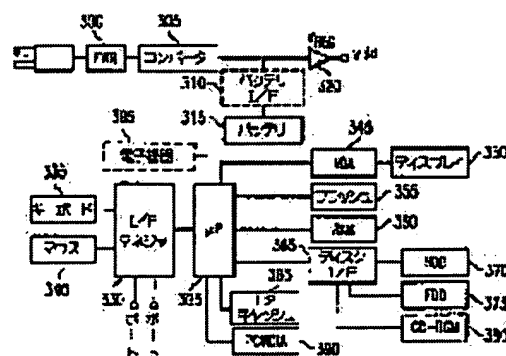
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(54) COMPUTER SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To limit the function of a computer corresponding to the country/area.

SOLUTION: When the power source of a computer is turned on, through radio communication with a positioning system such as a global positioning system(GPS), electronic equipment 395 of locator device detects the current position of the computer. A microprocessor 325 is programmed so as to limit as operating function depending on the position and based on current position data from the electronic equipment, the prescribed function is set active or inactive. When the electronic equipment is disconnected from the computer, the computer is disabled in operation as a whole. Thus, the prescribed function can be forcedly disabled in the country/area where that function is not permitted.



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1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] The microprocessor which detects the input from an input device in computer system, The I/O circuit connected with the memory in which writing/read-out is possible by the microprocessor at the microprocessor, It has the receiver received in at least one worldwide positioning system. It becomes at least one component of this worldwide positioning system from the locator device which radiocommunicates current positional information. Computer system characterized by programming this computer system based on current positional information to impossible-ize at least one moving function alternatively.

[Claim 2] It is the computer system characterized by a moving function being a software application in computer system according to claim 1.

[Claim 3] It is the computer system characterized by the moving function containing encryption algorithm in computer system according to claim 1.

[Claim 4] It is the computer system characterized by a moving function being a calculation function by hardware in computer system according to claim 1.

[Claim 5] It is the computer system characterized by a worldwide positioning system being a global positioning system (GPS) in computer system according to claim 1.

[Claim 6] A locator device is computer system characterized by computer system being in disabling of operation when this device is removed from computer system in computer system according to claim 1.

[Claim 7] It is the computer system characterized by preventing the error which may be produced when it is programmed so that this computer system applies the space margin of an error to location data in computer system according to claim 1, and a computer exists near the border by this before the actuation.

[Claim 8] The microprocessor which detects the input from an input device in computer system, The I/O circuit connected with the memory in which writing/read-out is possible by the microprocessor at the microprocessor, It has the receiver received in at least one worldwide positioning system. It becomes at least one component of this worldwide positioning system from the locator device which radiocommunicates current positional information. Computer system characterized by programming this computer system to enable activation of at least one encryption algorithm alternatively based on current positional information.

[Claim 9] It is the computer system characterized by encryption algorithm using the code 56 bits or more in computer system according to claim 8.

[Claim 10] It is the computer system characterized by encryption algorithm being a coding algorithm in computer system according to claim 8.

[Claim 11] It is the computer system characterized by a worldwide positioning system being a global positioning system (GPS) in computer system according to claim 8.

[Claim 12] Computer system characterized by computer system being in disabling of operation in computer system according to claim 8 when a locator device is removed from computer system.

[Claim 13] It is the computer system characterized by uniting the locator device with the system board

of a computer in computer system according to claim 8.

[Claim 14] It is the computer system characterized by preventing the error which may be produced when it is programmed so that a microprocessor applies the space margin of an error to location data in computer system according to claim 8, and a computer exists near the border by this before the actuation.

[Claim 15] At least one microprocessor which detects the input from an input device in computer system, The I/O circuit connected with the memory in which writing/read-out is possible by the microprocessor at the microprocessor, It has the receiver received in at least one worldwide positioning system. It becomes at least one component of this worldwide positioning system from the wireless locator device which communicates current positional information. A microprocessor Computer system which is beyond the 1st value by which the maximum performance is based on the computer performance (engine performance) criterion, and is characterized by being restricted to the mode of low performance rather than the 1st value.

[Claim 16] It is the computer system characterized by equipping this computer system with two or more four or more microprocessors in computer system according to claim 15.

[Claim 17] It is the computer system characterized by connecting so that two or more microprocessors may constitute parallel processing architecture in computer system according to claim 15.

[Claim 18] It is the computer system characterized by a worldwide positioning system being a global positioning system in computer system according to claim 15.

[Claim 19] It is the computer system characterized by a worldwide positioning system being a differential global positioning system in computer system according to claim 15.

[Claim 20] It is the computer system characterized by computer system being in disabling of operation when the locator device is united with the interior of a computer in computer system according to claim 15 and this device is removed from computer system.

[Claim 21] It is the computer system characterized by uniting the locator device with the system board of a computer with the microprocessor in computer system according to claim 15.

[Claim 22] The approach characterized by consisting of a step which receives location data from (a) locator device, and a step which enables actuation of the function of a computer based on the location data (b) Received, or is made into impossible of operation in the approach of impossible-izing the function of a computer alternatively.

[Claim 23] It is the approach characterized by a locator device being a global positioning system receiver in an approach according to claim 22.

[Claim 24] It is the approach characterized by locator devices being actuation of a differential global positioning system, and a party tsi bull in an approach according to claim 22.

[Claim 25] It is the approach characterized by the function of a computer being a software function in an approach according to claim 22.

[Claim 26] It is the approach characterized by the function of a computer being a hardware function in an approach according to claim 22.

[Claim 27] It is the approach characterized by the function of a computer being the application demand for activation of encryption algorithm in an approach according to claim 22.

[Claim 28] It is the approach characterized by being the software application to which the function of a computer is permitted in the approach according to claim 22 only in a certain location.

[Claim 29] It is the approach characterized by containing the step (b) in the self-test process of a power up in an approach according to claim 22.

[Claim 30] A step (b) is an approach characterized by providing location data with the space margin of an error in order to prevent the error which may be produced when a computer exists near the border in an approach according to claim 22.

[Claim 31] It is the approach characterized by a locator device being a radio set in an approach according to claim 22.

[Claim 32] It is the approach characterized by connecting so that a computer may become impossible of operation when the locator device is united with the interior of a computer in the approach according to

claim 22 and a locator device is removed from a computer.

[Claim 33] It is the approach characterized by connecting so that a computer may become impossible of operation when the locator device is united with the system board of a computer in the approach according to claim 22 and a locator device is removed from a computer.

[Claim 34] The approach characterized by consisting of a step which restricts the maximum performance of a computer to below the 1st value specified according to the computer performance (engine performance) criterion based on the location data (b) Thought to be the step which receives location data from (a) locator device in the approach of operating a computer.

[Claim 35] It is the approach characterized by containing the step (b) in the self-test process of a power up in an approach according to claim 34.

[Claim 36] It is the approach characterized by a locator device being compatible with the signal format of a global positioning system in an approach according to claim 34.

[Claim 37] A step (b) is an approach characterized by providing location data with the space margin of an error in order to prevent the error which may be produced when a computer exists near the border in an approach according to claim 34.

[Claim 38] It is the approach characterized by the computer containing two or more four or more microprocessors in an approach according to claim 34.

[Claim 39] It is the approach characterized by connecting so that two or more microprocessors may constitute parallel processing architecture in an approach according to claim 38.

[Claim 40] It is the approach characterized by a computer performance criterion being a computer theoretical (theory) performance criterion in an approach according to claim 34.

[Claim 41] It is the approach characterized by a locator device being a radio set in an approach according to claim 34.

[Claim 42] It is the approach characterized by a locator device being a worldwide positioning system which is a global positioning system in an approach according to claim 34.

[Claim 43] It is the approach characterized by connecting so that a computer may become impossible of operation when a locator device is a radio set in an approach according to claim 34, and it unites with the interior of a computer and a locator device is removed from a computer.

[Claim 44] It is the approach which a locator device is a radio set in an approach according to claim 34, and is characterized by uniting with the system board of a computer.

[Translation done.]